Momentum injected ($n = 10^2\,\mathrm{cm}^{-3}$)

Gravity
Ram
Photoionised gas
Radiation (dir.+indir.)
Net: $\left| \int \left(\sum F_{\mathrm{out}} - F_{\mathrm{grav}} \right) dt \right|$

$\epsilon = 0.01$ $\epsilon = 0.10$ $\epsilon = 0.20$ $\epsilon = 0.30$ $\epsilon = 0.50$ $\epsilon = 0.80$

$M_{cloud} = 10^5\,M_\odot$ $p(t) = \int F\,dt$

$M_{cloud} = 10^7\,M_\odot$ $p(t) = \int F\,dt$

$M_{cloud} = 10^8\,M_\odot$ $p(t) = \int F\,dt$

$R_2 = R_{\mathrm{cloud}}$

t [Myr]